

PROCEDURE FOR CALIBRATING, STANDARDIZING OR CHECKING EQUIPMENT

Original 12/96, Revised 8/21/2008, 5/11

PROCEDURE #15

Equipment Checked:

LIQUID LIMIT DEVICE & GROOVING TOOL

T 89, SD 207

Purpose:

To provide instructions for checking the liquid limit device, grooving tool and cup.

Inspection Equipment Required:

1. Caliper readable to 0.0005" (0.01 mm).
2. Stopwatch readable to 0.01 sec.

Tolerance:

Critical tolerances can be found in the test methods listed above.

Procedure:

1. Measure and record the thickness and depth of the brass cup.
2. Measure and record the dimensions of the liquid limit base.
3. Measure the worn spot, if any, where the cup contacts the base.
4. If electric, check the drop rate of two drops per second.
5. With a caliper measure and record the dimensions of the grooving tool and gage end.